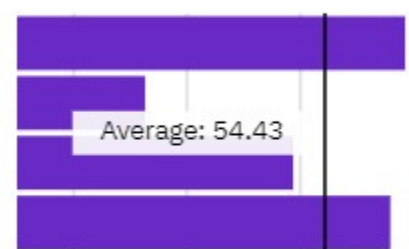


Date	5 November 2022
Team ID	PNT2022TMID43537
Project Name	Visualizing and Predicting Heart Diseases with An Interactive Dash Board



Cards

Age by Chest pain type



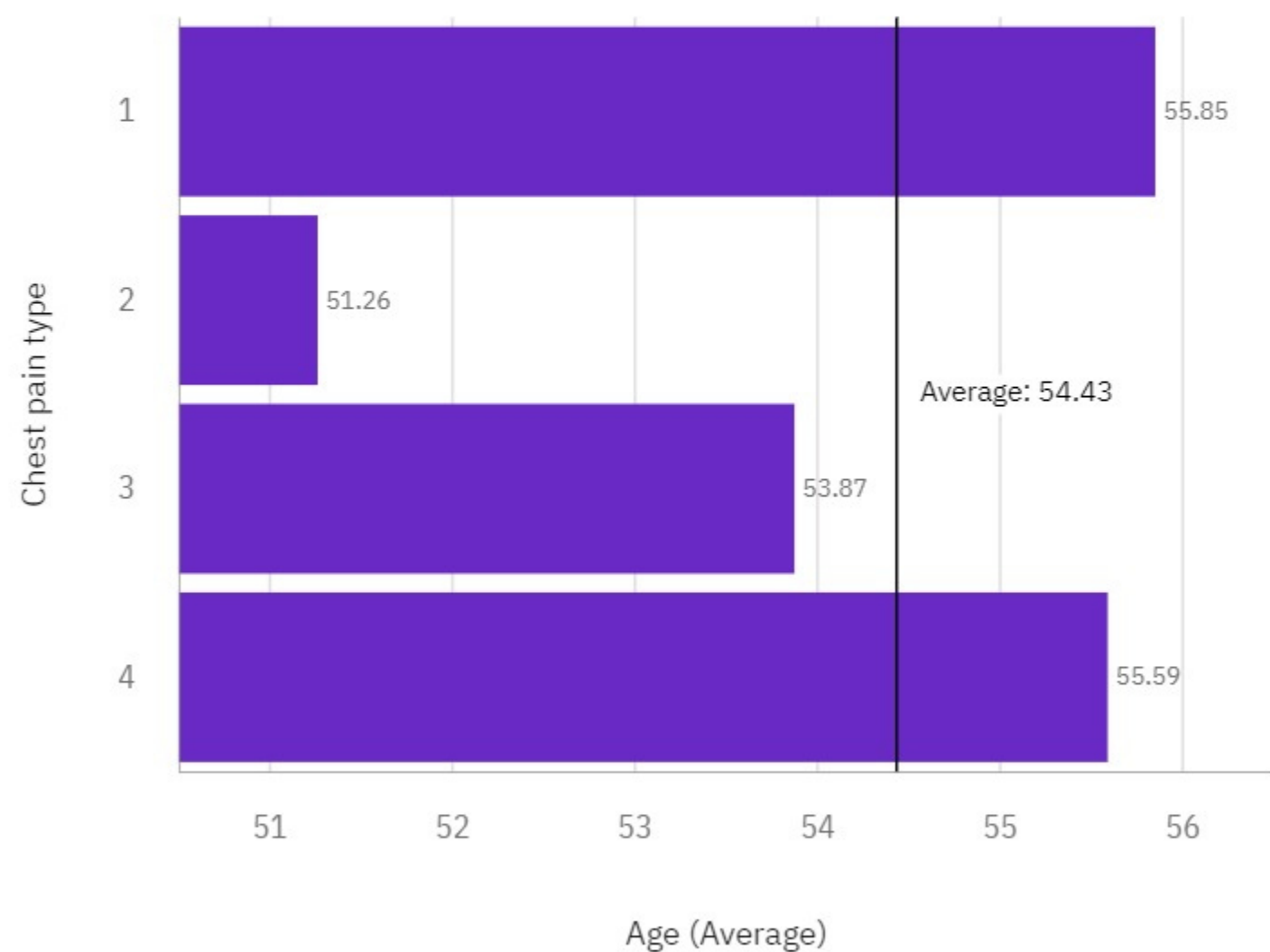
1

BP by Chest pai...colored by Sex



Data relationships

Age by Chest pain type



Details

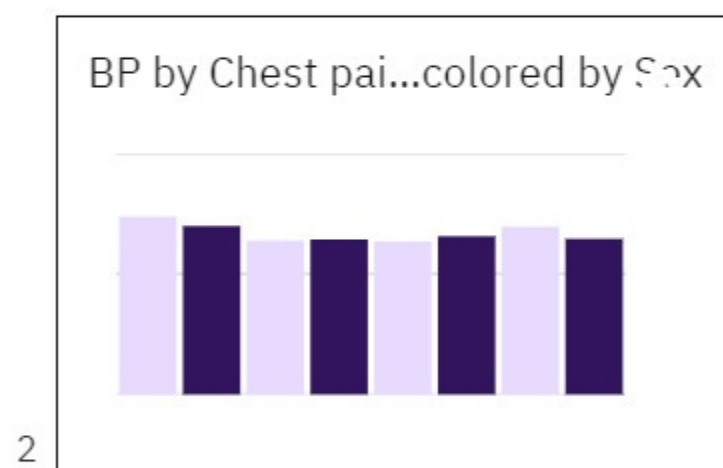
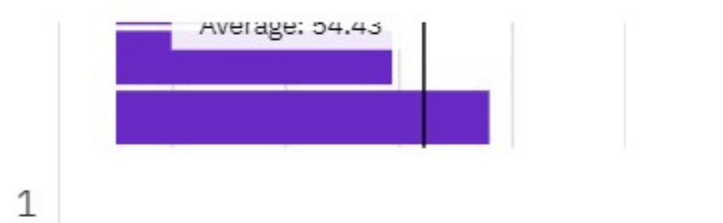
The most common value of **Chest pain type** is 4, occurring 129 times, which is 47.8 % of the total.

Over all **chest pain types**, the average of **Age** is 54.43.

The average values of **Age** range from 51.26, occurring when **Chest pain type** is 2, to 55.85, when **Chest pain type** is 1.



Cards

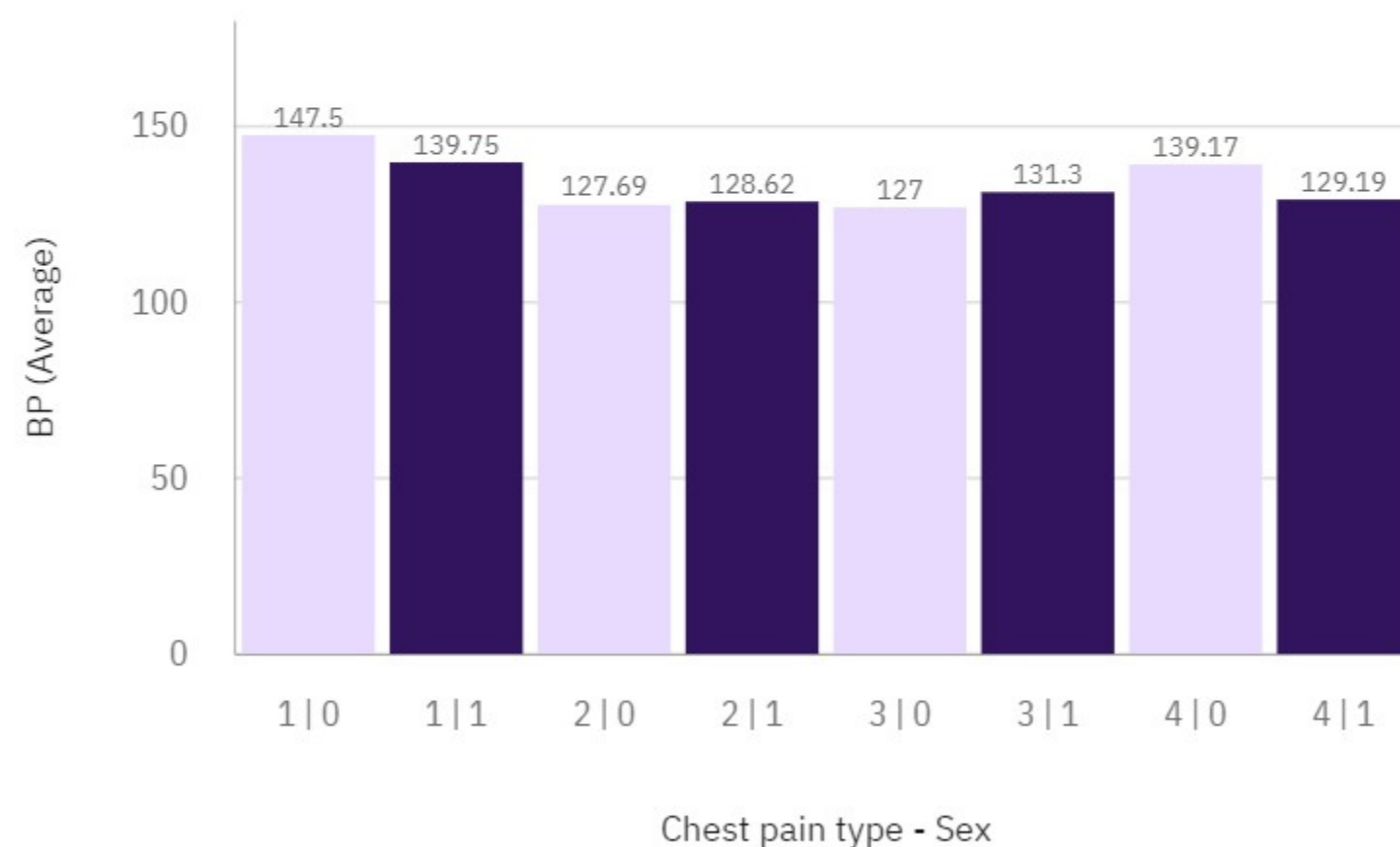


Max HR by Sex ...hest pain type

Data relationships

BP by Chest pain type and Sex colored by Sex

Sex (Average)



Details

The total number of results for **Sex** is 270.

Over all **chest pain type - sexes**, the average of **BP** is 0.6778.

The average values of **BP** range from 0, occurring when **Chest pain type - Sex** is 1|0, to 1, when **Chest pain type - Sex** is 1|0.

The most common value of **Chest pain type - Sex** is 2|1, occurring 129 times, which is 47.8 % of the total.



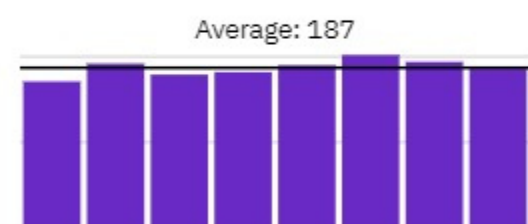
3/5



Cards

2

Max HR by Sex ...hest pain type



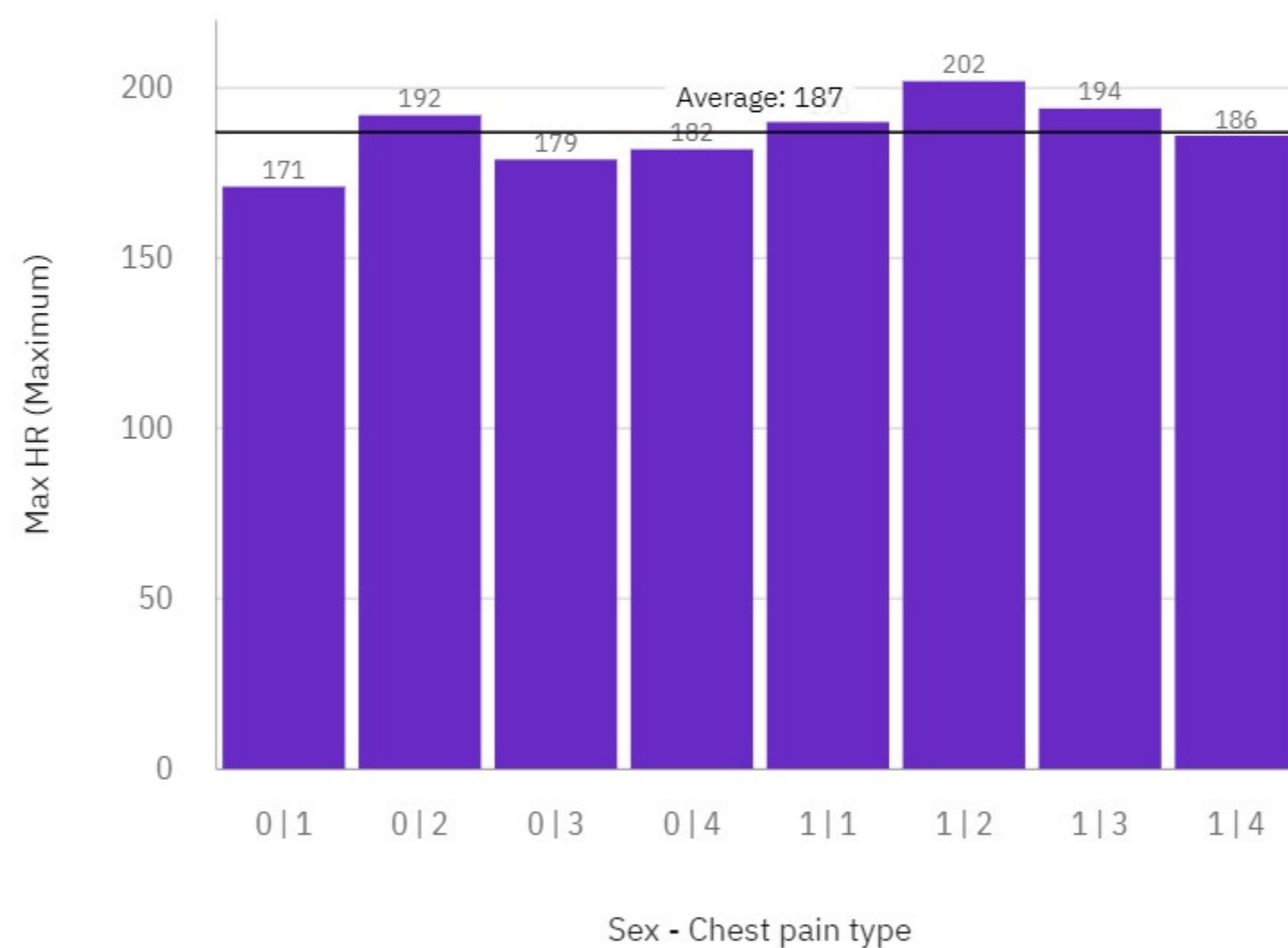
3

BP by Age



Data relationships

Max HR by Sex and Chest pain type



Details

The total number of results for **Max HR**, across all **sex - chest pain types**, is 270.

The most common value of **Sex - Chest pain type** is 0|2, occurring 183 times, which is 67.8 % of the total.

The largest value of **Max HR** is 3, occurring when **Sex - Chest pain type** is 0|1.

3

4

Data relationships

A line graph showing Average Blood Pressure (BP) on the Y-axis (ranging from 110 to 150) versus Age on the X-axis (ranging from 29 to 77). The graph displays a fluctuating line representing BP values at various ages. A horizontal line indicates the overall average BP of 131.3. The highest value is 149.25 at age 59, which is circled. The lowest value is 117 at age 47.

Age	BP (Average)
29	130
35	118
38	120
40	117.33
42	125.57
44	120.8
46	124.29
47	117
48	124.5
50	124.5
52	129.13
54	126.13
55	129.13
56	126.13
57	126.13
58	126.13
59	149.25
60	133.92
62	134
64	134
66	124.75
68	127.33
70	127.33
74	120
77	125

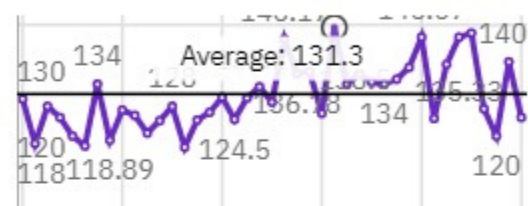
BP is unusually high when **Age** is 59.



5/5

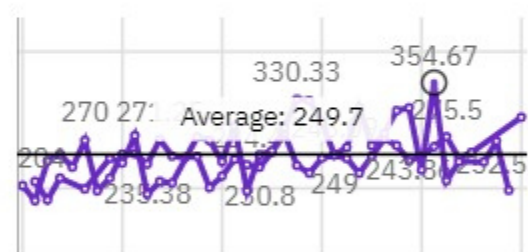


Cards



4

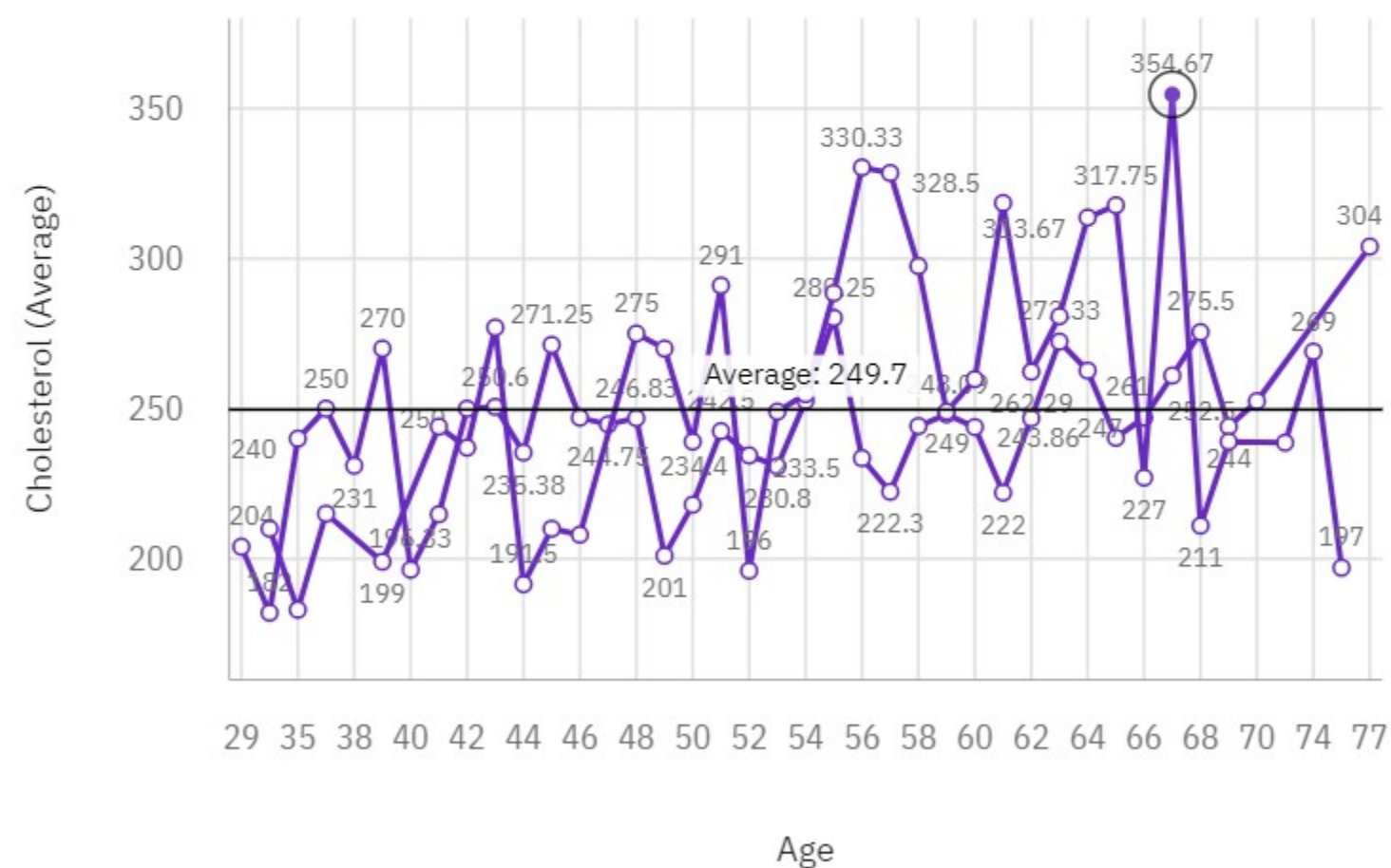
Cholesterol by ... colored by Sex



5

Data relationships

Cholesterol by Age colored by Sex

Sex
● 0 ● 1

Details

Over all **ages** and **sexes**, the average of **Cholesterol** is 249.7.

The average values of **Cholesterol** range from 182 to 354.7.

Cholesterol is unusually high when the combination of **Age** and **Sex** is 67 and 0.

The most common values of **Age** are 54 (5.9 %) and 58 (5.6 %), together occurring 31 times, which is 11.5 % of the total.

The most common value of **Sex** is 1, occurring 183 times, which is 67.8 % of the total.